

REMARKS

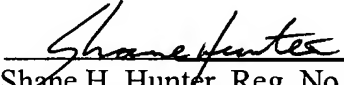
In response to the Office Action dated June 1, 2005, Applicants respectfully request reconsideration.

Amendments to the drawings and the specification are indicated in the attachment sheets and substitute specification included with this response to address the Examiner's objections as discussed on pages 2-3 of this response.

Claims 1, 2, 5, 7, 10-13, and 15-17 stand rejected under 35 USC 102(b) in view of U.S. Patent No. 5,367,553 (Peschmann), and claims 3, 4, 6, 8, 9, and 14 stand objected to as depending from a rejected base claim but would be allowable if rewritten into independent form. Applicants have cancelled all the rejected claims, namely claims 1, 2, 5, 7, 10-13, and 15-17, rendering the rejections of these claims moot. Applicants have further amended claims 3, 6, 8, and 9 into independent form including the limitations of the respective base claims. Claim 4 has been amended to depend from claim 3. Claim 14 depends from claim 9 and has not been amended. Thus, objected-to claims 3, 6, 8, and 9 have been amended into independent form and objected-to claims 4 and 14 depend from objected-to claims 3 and 9 that have been amended into independent form. Thus, Applicants believe that all pending claims are allowable.

Based on the foregoing, this application is believed to be in allowable condition, and a notice to that effect is respectfully requested. The Examiner is invited to call Applicants' Attorney at the number provided below with any questions.

Respectfully submitted,

  
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**Amendments to the Drawings:**

1. FIG. 3 stands objected to as failing to comply with 37 CFR 1.84(p)(5) because it does not include reference signs 300 and 320 mentioned on page 9 lines 1 and 2 of the specification. Page 9 of the specification is amended to remove these reference signs. Reference signs 300 and 320, however, remain in their proper position on FIG. 5.

2. The drawings stand objected to as failing to comply with 37 CFR 1.184(p)(5) because they include reference characters not mentioned in the description. The specification and drawings are amended as follows:

Reference sign 600 on FIG. 3 is amended to 590 on the replacement sheet and in the specification.

FIG. 4 is amended so that reference sign 413 only designates the HOST/PCI BRIDGE, and it is removed from the Algo/PCI BRIDGE.

Reference signs 430, 440, 511, 512, 521, 522, 523, and 530 on FIG. 4 are removed from the replacement sheet.

Reference signs 610a, 620a, 630a, 710a, 810, 810a, 811, 811a, 812, and 812a are included in the amended specification.

3. FIG. 5 stands objected to because some reference numbers are illegible. A replacement sheet for FIG. 5 is included with this response.

4. FIGS. 6C, 6D, 7A, 10A, 10B, 11A and 11B stand objected to because the objects contained in the figures are difficult to see. Replacement sheets for these figures are included with this response.